

# **Myotomes Motor Function**

**C3, 4 and 5 supply the diaphragm (the large muscle between the chest and the belly that we use to breath).**

**C5 also supplies the shoulder muscles and the muscle that we use to bend our elbow .**

**C6 is for bending the wrist back.**

**C7 is for straightening the elbow.**

**C8 bends the fingers.**

**T1 spreads the fingers.**

**T1–T12 supplies the chest wall & abdominal muscles.**

L2 bends the hip.

L3 straightens the knee.

L4 pulls the foot up.

L5 wiggles the toes.

S1 pulls the foot down.

## Sensory Impairment Related to Level of Spinal Cord Injury

